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(54) Polylactide blends

(57) Alloys comprising from about 60 to 98 weight % of a polymer lactic acid and from 40 to 2 weight % of one or more polymers selected from the group of poly-alkylene oxides, polymers of alkylene ethers or vinyl alcohol, ethylene - propylene copolymers, optionally halogen substituted conjugated diene polymers, nitrile rubbers, butyl rubbers or thermoplastic polyurethane elastomers have good flexibility and may be formed into useful articles, particularly for packaging purposes.

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EUROPEAN SEARCH REPORT

Application Number
EP 96 20 2568

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EUROPEAN POLYMER JOURNAL, vol. 24, no. 8, 1988, pages 765-773, XP000001122 H. YOUNES ET AL.: "Phase separation in poly(ethylene glycol)/poly(lactic acid) blends" * abstract; pages 765-766; page 767, figure 4 *	1,17,18	C08L67/04 //(C08L67/04, 9:00), (C08L67/04, 23:00), (C08L67/04, 29:10), (C08L67/04, 71:02), (C08L67/04, 75:04)
Y	---	4,5	
D,X	WO 90 01521 A (BATTELLE MEMORIAL INSTITUTE) * abstract; claims 27,28,35,36,39,41 * * page 82, line 31 - page 83, line 5 *	1-3,7,8, 12,17-20	
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X	WO 84 00302 A (RIJKSUNIVERSITEIT TE GRONINGEN) * claims 1-3 * * page 2, line 34 - page 4, line 15 *	1-3,16, 18,19	
X	UNIVERSITY OF LOWELL, XP002018877 H.M. DOLLINGER: "Novel bicontinuous poly(d,l-lactic acid)-ethylene/vinyl acetate blends for biomedical applications, April 1991" * abstract; pages 29, 43 *	1-3,19	TECHNICAL FIELDS SEARCHED (Int.Cl.6) C08L
P,X	WO 92 04412 A (DU PONT DE NEMOURS AND CO.) * claims 1,3,20,27; example 2 *	1-3,6, 17-20	
P,X	WO 92 04413 A (BATELLE MEMORIAL INST.) * claims 104,111-114,126-128 *	1-3,7,8, 12,16,19	
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 6 November 1996	Examiner Krische, D
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : technological background O : non-written disclosure P : intermediate document & : member of the same patent family, corresponding document	
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Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	WO 84 00303 A (RIJKSUNIVERSITEIT TE GRONINGEN) * claims 1,4 * * page 2, line 7 - line 34; example III * -----	1-3,16,18,19	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 6 November 1996	Examiner Krische, D
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>A : member of the same patent family, corresponding document</p>			

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